IN THE CLAIMS

Please amend the following on Page 8, line 1 as follows:

~~Patent Claims~~ What is claimed is:

Claims 1-7 (cancelled)

8. (New) An optical system, such as for a fundus camera, which has a substantially coaxial illumination beam path and imaging beam path, comprising:

a lens system of at least four lenses;

at least two lenses being tilted with respect to their optical axes relative to the illumination beam path and imaging beam path;

optical axes of said lenses and optical axis of the illumination beam path and imaging beam path lying in a plane;

at least two additional lenses being tilted with respect to their optical axes relative to the illumination beam path and imaging beam path; and

the optical axes of the two additional lenses and optical axis of the illumination beam path and imaging beam path lying in a second plane which intersects the first plane substantially along the optical axis of the illumination beam path and imaging beam path.

9. (New) The optical system according to claim 8, wherein the first plane and the second plane extend substantially perpendicular to one another.

10. (New) The optical system according to claim 8, wherein the optical axis of the illumination beam path and imaging beam path penetrates the lenses outside their optical axes.

11. (New) The optical system according to claim 8, wherein the optical axes of the lenses are arranged outside the beam bundle of the illumination beam path and imaging

beam path.

12. (New) The optical system according to claim 8, wherein the lenses comprise lens segments.

13. (New) The optical system according to claim 8, wherein at least one of the lenses has an aspheric surface.

14. (New) The optical system according to claim 8, wherein at least one lens is replaced by a diffractive optical element.